



IN THE CLAIMS:

Please amend Claims 6, 10, 12, 15-18, 20, 23, 24, 26, 28, 29, and 31-33 as follows.

a¹ 6. (Amended) An information processing system according to Claim 1, wherein the second additional information is at least one of (i) information that leaves [is unlikely to reduce] the quality of the input information unimpaired and (ii) [or is] information that [which] people are unable [unlikely] to perceive.

a² 10. (Amended) An information processing system according to Claim 9, wherein the confidential information is one of the position of the first additional information and [or] the amount of change of the input information caused by [against] the first additional information.

a³ 12. (Amended) An information processing system according to Claim 11, wherein, before additional information is added to the input information by the use of said first or second adding means, the first or second extracting means, corresponding to the respective first or second adding means, determines whether additional information has been added to the input information [is checked by the use of the first or second extracting means corresponding to the first or second adding means].

a⁴ 15. (Amended) An information processing system according to Claim 13, wherein the at least one of the plurality of information processing apparatuses [apparatus] further comprises determination means for determining that an attack has been made to the input

information when only the first or the second additional information is able to be extracted, and that the input information has no additional information when neither the first nor the second additional information is able to be extracted.

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16. (Amended) An information processing apparatus comprising:
first adding means for adding first additional information of a high robustness to input information [at a high robustness] by a first adding method; and
second adding means for adding second additional information to the input information by a second adding method.

17. (Amended) An information processing apparatus according to Claim 16, wherein the first additional information can identify [be used for identifying] the second adding method to be used by said second adding means.

18. (Amended) An information processing apparatus according to Claim 16, wherein the first additional information can identify [be used for identifying] each information processing apparatus on a [the] network.

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20. (Amended) An information processing apparatus according to Claim 16, wherein the second additional information is at least one of (i) information that leaves [is unlikely to reduce] the quality of the input information unimpaired and (ii) [or is] information that [which] people are unable [unlikely] to perceive.

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23. (Amended) An information processing apparatus according to Claim 16, wherein the first adding method uses confidential information common to [the] a plurality of information processing apparatuses on [the] a network.

24. (Amended) An information processing system according to Claim 23, wherein the confidential information is one of the position of the first additional information and [or] the amount of change of the input information caused by [against] the first additional information.

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26. (Amended) An information processing system according to Claim 25, wherein, before additional information is added to the input information by the use of said first or second adding means, the first or second extracting means, corresponding to the respective first or second adding means, determines whether additional information has been added to the input information [is checked by the use of the first or second extracting means corresponding to the first or second adding means].

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28. (Amended) An information processing apparatus according to Claim 27, further comprising determination means for determining that an attempt has been made to alter [an attack has been made to] the input information when only the first or the second additional information is present and is extracted, and that the input information has no additional information when neither the first nor the second additional information is present [extracted].

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29. (Amended) An information processing method comprising:
a first adding step of adding first additional information of a high robustness to input information [at a high robustness] by a first adding method; and
a second adding step of adding second additional information to the input information by a second adding method.

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31. (Amended) An information processing method according to Claim 30, further comprising a determination step of determining that an attempt has been made to alter [an attack has been made to] the input information when only the first or the second additional information is present and is extracted, and that the input information has no additional information when neither the first nor the second additional information is present [extracted].

32. (Amended) A computer-readable recording medium for storing a program, the program comprising:

a first adding step of adding first additional information of a high robustness to input information [at a high robustness]; and

a second adding step of adding second additional information to the input information.

33. (Amended) A computer-readable recording medium for storing a program, the program comprising:

a first extracting step of extracting first additional information from input information;